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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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C mplete if Known						
Application Number	To Be Assigned					
Filing Date	Concurrently Herewith					
First Named Inventor	McKinnon et al.					
Group Art Unit	2155					
Examiner Name	Barret					
Attorney Docket Number	10263-33541					

			U.S. PATENT DOCL	JMENTS, News	era pa
Examiner Initials	Cite No.1	U.S. Palent Document · Number Kind Code ² (If known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pagas, Columns, Lines Where Relevant Passages or Relevant Figures Appear
PA	A	5,491,694	Oliver et al.	02/13/1996	ACEN COMPANY
BB	В	5,581,555	Dubberly et al.	12/03/1996	
13/3	С	5,594,726	Thompson et al.	01/14/1997	
1313	D	5,757,801	Arimilli	05/26/1998	
1313	E	5,790,546	Dobbins et al.	08/04/1998	C
18/19	F	5,956,342	Manning et al.	09/21/1999	
1313	G	5,963,557	Eng	10/05/1999	
13/3	Н	6,046,980	Packer	04/04/2000	-
BB	I	6,084,855	Soirinsuo et al.	07/04/2000	
1313	J	6,104,700	Haddock et al.	08/15/2000	-
13/3	K	6,115,390	Chuah	09/05/2000	
13/3	L	5,719,872	Dubberly et al.	02/17/1998	
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				FORE	IGN PATENT DOCUMEN	rs		
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Examiner Bhassa	+ Borot	Date Considered	07/09/2004

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Complete if Known **Application Number** To Be Assigned Filing Date Concurrently Herewith **First Named Inventor** McKinnon et al Group Art Unit Examiner Name Baro Attorney Docket Number 10263-33541

CUMENTS	
propriate), title of the ume-issue number(s),	Т2
tment of Electrical and 96 [Retrieved on	
> .	
ork World Fusion, June 19,	
elity Of Service Techniques -12-19). Retrieved from the	
and Services To Retrieved 2000-12-19].	
ine] White Papers,	
e-Box MSA Solution [online] met at	
Telecommunications Online Internet at	
ProForum Tutorial Course,	
ProForum Tutorial Course,	
Web ProForum Tutorial It	
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Examiner Bhorat Borat	Date 07/09/2004
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Subetiti	ute for form 1449B/PT	0		Complete if Known		
				Application Number	To Be Assigned	
INF	ORMATIOI	N D	ISCLOSURE	Filing Date	Concurrently Herewith	
STA	TEMENT	RY	APPLICANT	First Named Inventor	McKinnon et al.	
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	(use as many s	sheet	s as necessary)	Examiner Name	Burot	
Sheet	3	of	3	Attorney Dacket Number	10263-33541	

		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS	
Examiner Initlais*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T2
BB	11	International Engineering Consortium, Cable Data Network Standards [online] Web ProForum Tutorial Course, August 3, 2000 [Retireved on 2000-12-18]. Retrieved from Internet at < URL:http://www. iec.org/tutorials/cable_mod/topic04.html?Next.x=40&Next.y=18>.	
BP	12	OSTERGAARD, ROLF V., Cable-Moderns.Org: Your Cable Modern Reference Guide, [online] Tutorial 1998-2000 [Retrieved on 2000-12-18]. Retrieved from Internet at < URL:http://www .cable-moderns.org/tutorial>.	
13B	13	Time Warner Cable, Road Runner Subscription Agreement, January 1999, Pages 1-4.	
BB	14	WHITE, GERRY, Eliminating Open Access Technology Barriers [online] Telecommunications Online Newsletter Article , July 2000 [Retireved on 2000-12-10]. Retrieved from the Internet at < URL:http://telecommagazine.com/issues/200007/tcs/elimin.html>.	
BB	15	GREEN, TIM, DSL Has A Secret [online] Network World Fusion Article, March 2, 1999 [Retireved on 2000-12-22]. Retireved from the Internet at < URL:http://cnn.com/TECH/computing/9903/02/dslsecretlidg/>.	
BB	16	Cable Television Laboratories, Inc., Cable Data Modern Performance Evaluation: A Primer For Non-Technical Readers, November 15, 1996, Pages 1-8	
BB	17	RiverDelta Networks Inc., QoS: The Key To Maximizing Revenue: A Technical Guide for Cable Operators [online] PDF Document, Publication Date Unknown [Retrieved on 2000-12-18]. Retrieved from Internet at < URL:http://www .riverdelta.com>, Pages 1-8.	
BB	18	Cable Television Laboratories, Inc., Cable Data Modem Performance Evaluation: A Primer For Non-Technical Readers, April 1996, Pages 1-3.	
BB	19	ddri Diversified Data Resources, Inc., ACE-SNMP Web Based SNMP Network Management System An Introductory Overview of SNMP, 1999. Str. 1999. Str. 1999. Pages 1-32.	
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Examiner Signature	Bharat Barat	Date Considered	07/09/2004

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				U.S. PATENT DOCL	MENTS	
Examiner Initials*	Cite No.1	Number	Code ²	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
813	1	5,857,193		Sutcliffe et al.	01/01/1999	
13 B	2	5,935,218		Beyda et al.	08/10/1999	
138	3	5,963,963		Schmuck et al.	10/05/1999	

				FORE	IGN PATENT DOCUMEN	TS		
Examiner Initials	0:4-	F	oreign Patent Do		Name of Patentee or	Date of Publication of	Pages, Columns, Lines, Where Relevant	
	Cite No.1	Office ³	Number ⁴	Kind Code ^s (// known)	Applicant of Cited Document	Cited Document MM-DD-YYYY	Passages or Relevant Figures Appear	76
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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Complete if Kn wn				
Application Number	09/800,981			
Filing Date	3/7/2001			
First Named Inventor	McKinnon, Martin W.			
Group Art Unit	2155			
Examiner Name	Barot			
Attorney Docket Number	10263-33541			

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS							
Examiner Initials Cite No.1 Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.							
BB	4	Data-Over-Cable Service Interface Specifications; Radio Frequency Interface Specification; SP-RF1v1.104-00047 Interim Specification; 2000 Cable Television Laboratoreis, Inc. Pages 229-231; 263; 121-141; 156-217; and 277-283.					
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Examiner Signature	Bharat	Busst	Date Considered	07/09/2004

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